



**ROSCOMMON FOREST MANAGEMENT UNIT
COMPARTMENT REVIEW PRESENTATION**

COMPARTMENT # 197 ENTRY YEAR: 2004

Compartment Acreage: 2310 County: OGEMAW

Revision Date: January, 2003

Stand Examiner: Anderson

Legal Description: Sections 14, 15, 16, 22, and 23, of T24N, R2E

RMU (if applicable):

Management Goals:

Maintain current cover types, balancing stocking for sustained yield and healthy stands.

Soil and Topography:

Grayling, Roselawn and Rubicon Sands. Topographically, the compartment has a steep east-west ridge running across its central area. Smaller north-south ridges finger off the main spine, and gradually become more level along the perimeter of the compartment.

Ownership Patterns, Development, and Land Use in and Around the Compartment:

Several private parcels within the compartment, primarily hunting camps/cottages. Consumers Power towerline bisects the compartment north to south.

Unique, Natural Features (include only non-site specific and non-sensitive information):

None

Archeological, Historical, and Cultural Features (include only non-site specific and non-sensitive information):

Old farmsite and cemetery

Special Management Designations or Considerations:

None noted

Watershed and Fisheries Considerations:

None noted

Wildlife Habitat Considerations:

Deer, Turkey, Small game

Mineral Resource and Development Concerns and/or Restrictions:

Surface sediments consist of ice-contact and glacial outwash sand and gravel and postglacial alluvium. Glacial drift thickness varies between 400 and 600 feet. Beneath the glacial drift are the Mississippian Michigan Formation, Marshall Sandstone and Coldwater Shale. The Michigan is quarried for gypsum and the Marshall has been used as a building stone. Most of the good gravel pits are associated with upland areas.

There is a gravel pit in Section 23 and potential appears to be good. The main Rose City Field is located just to the southwest. The three fields have produced over 9.3 million BO and 9.9 Bcf gas from the Devonian Richfield Formation. They are in secondary recovery operations currently. The main field also produces from the Prairie du Chien, and has produced over 31 Bcf gas and 200,000 BO. None of the State land in the compartment is currently leased.

Vehicle Access:

Good

Survey Needs:

Boundary needs to be clearly established around private parcel in SE of SE of Section 16.

Recreational Facilities and Opportunities:

Hunting, Snowmobiling, ORV Loops, MCCCT within the compartment as well as sections of the Ogemaw Hills snowmobile trail system

Fire Protection:

Large blocks of conifer fuels in the north part of the compartment, some hunting camps may pose urban interface problem due to location within these areas. No good water points within the compartment, closest source would be Loon Lake area to the northeast, or beaver flooding 5 miles west.

Additional Compartment Information:

- **The following 5 reports from the Operations Inventory System (OIPC) are attached:**
 - ◆ **Cover Type by Age Class**
 - ◆ **Cover Type by Management Objective**
 - ◆ **Compartment Volume Summary**
 - ◆ **Proposed Treatments – No Limiting Factors**
 - ◆ **Proposed Treatments – With Limiting Factors**

- **The following information is displayed, where pertinent, on the attached compartment maps:**
 - ◆ **Base feature information, stand numbers, cover types**
 - ◆ **Proposed treatments**
 - ◆ **Proposed road access system**
 - ◆ **Suggested potential old growth**

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

OGEMAW COUNTY

COMPARTMENT: 197

Table 3

COVER TYPE	(acres shown in boxes)																		Total
	Not Coded	0-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	100-109	110-119	120-129	130-139	140-149	150-159	All Aged	
Aspen		34	206	182	189	15				14									640
Grass	86																		86
Jack Pine		184	220	50	18		10	91	80	19									672
Local Name	4																		4
Marsh	1																		1
Non Stocked	79																		79
Oak		10							72	432	60								574
Red Pine		32	34		64	14	5		30										179
Upland Brush	118																		118
Upland Hdws					14														14
White Pine					22														22
Total	288	260	460	232	307	29	15	91	182	465	60								2389

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Michigan Department of Natural Resources - Operations Inventory System
Individual Compartment Report

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

OGEMAW COUNTY

COMPARTMENT: 197

Table 3A

(acres shown in boxes)

MANAGEMENT OBJECTIVE TYPE

COVER TYPE	A	S	V	C	G	H	J	I	L	P	N	Q	X	O	B	R	K	Y	F	E	T	D	U	M	Z	W	Total
A Aspen	640																										640
G Grass					86																						86
J Jack Pine							607							65													672
I Local Name								4																			4
N Marsh											1																1
X Non Stocked													79														79
O Oak														574													574
R Red Pine																179											179
U Upland Brush																								118			118
M Upland Hdws	14																										14
W White Pine																										22	22
Total	654				86		607	4			1		79	639		179								118		22	2389

AUSABLE STATE FOREST

ROSCOMMON FOREST MGT UNIT

OGEMAW COUNTY

COMPARTMENT: **197****Table 10 - COMPARTMENT VOLUME SUMMARY - ALL STANDS**

COMPARTMENT SUMMARY			
TOTAL VOLUME		CUT VOLUME	
Hardwood	4236 Cds	Hardwood	937 Cds
Hardwood	2465 Mbf	Hardwood	827 Mbf
Softwood	1822 Cds	Softwood	809 Cds
Softwood	818 Mbf	Softwood	563 Mbf
Sum TotVol	12624 Cds	Sum CutVol	4526 Cds
Total Cmpt Acres		Acres Proposed For Cut.....	399
2310		Acres Meeting Silv Criteria.....	634
		Acres Not Meeting Silv Criteria.....	1528
		Acres Unable to Determine Silv Criteria For.....	227

ROSCOMMON FOREST MGT UNIT
**Proposed Treatments
With NO Limiting Factors**
Compartment: 197 Entry Year: 2004

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
4	J8	40	71	51	jack pine	two aged	final harvest	1	planting	
comnts Fmd : 2-AGED STAND. Final harvest and replant to jack pine.										
8	J5	6	59	46	jack pine	mature	final harvest	2	planting	
11	O6	5	79	65	oak	immature	shelterwood-prep	2		
comnts Fmd : SHELTERWOOD PREP. ALSO TREAT ST. TO THE SOUTH (2 ACRES). FDF STAND.										
12	J8	10	56	60	jack pine	two aged	final harvest	2	planting	
comnts Fmd : 2-AGED STAND, 30-50 YRS OLD										
43	O8	28	80	50	oak	two aged	shelterwood-seed	1		
comnts Fmd : Heavy white oak reproduction. Take out all mixed oak, Jack Pine, and Red Pine over 4" diameter. Leave all White oak. Convert stand to white oak. Stand will also serve as firebreak.										
45	O8	21	83	45	oak	mature	final harvest	1		
50	O9	8	78	50	oak	mature	final harvest	1		
comnts Fmd : Red oak on a finger of better soil above a sandy plain. Set up sale with stand 119 to the north.										
61	A8	14	79	49	aspen (upland)	mature	final harvest	2		
comnts Fmd : Aspen is trembling and overmature. Final harvest and regenerate to Aspen. There is a small strip of 8" 2 stick JP along powerline on west side of stand, will fill in to aspen at harvest. Was northern part of old stand 6.										
65	J8	19	80	49	jack pine	immature	final harvest	2	planting	
comnts Fmd : Two aged stand at the top. Harvest and replant to jack pine										
103	J9	20	74	46	jack pine	two aged	final harvest	1	planting	
comnts Fmd : final harvest and replant to JP										
104	J8	20	74	50	oak	two aged	final harvest	1		
comnts Fmd : Stand is eastern portion of old 103. Jack Pine much lower quality and quantity than that in 103. Heavy oak-aspen reproduction in the understory. Final harvest and allow to regenerate naturally to oak-aspen										
114	J8	45	60	50	oak	two aged	final harvest	1		
comnts Fmd : Overmature jack pine with heavy mixed oak-white oak understory. Harvest and allow to regenerate to oak.										
119	O9	118	81	49	oak	mature	final harvest	1		
comnts Fmd : Final harvest and regenerate. Leave white oak for mast. Do not cut trees in frost pockets.										
126	J8	40	64	45	jack pine	two aged	final harvest	1	planting	
comnts Fmd : Final harvest and replant to Jack Pine.										
409	G0	4			grass	nonstocked		0	opening maintenance	
comnts Fmd : MAINTAIN WILDLIFE OPENING. Was old stand # 9										
433	G0	5			grass	nonstocked		0	opening maintenance	
comnts Fmd : MAINTAIN WILDLIFE OPENING. Was old stand 33.										
435	G0	30			grass	nonstocked		0	opening maintenance	
comnts Fmd : MAINTAIN WILDLIFE OPENING.										

ROSCOMMON FOREST MGT UNIT

Proposed Treatments
With NO Limiting Factors

Compartment: 197 Entry Year: 2004

Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
437	G0	30			grass	nonstocked		0	opening maintenance	
comnts Fmd : MAINTAIN WILDLIFE OPENINGS. DON'T DISTURB FOUNDATION IN OPENING SOUTH OF STAND 48. Was old stand 37										
Total Acres.....		463								

ROSCOMMON FOREST MGT UNIT

Proposed Treatments With Limiting Factors

Compartment: 197 Entry Year: 2004

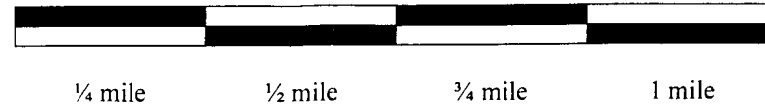
Stand	Cover Type	Acres	Age	Site Index	Mgt Obj	Condition	Method Cut	Harvest Priority	Cultural Need	FDF Status
6	O9	5	79	60	oak	mature	final harvest	2		

TREATMENT LIMITING FACTORS: Delayed to take advantage of exceptional site quality or growth

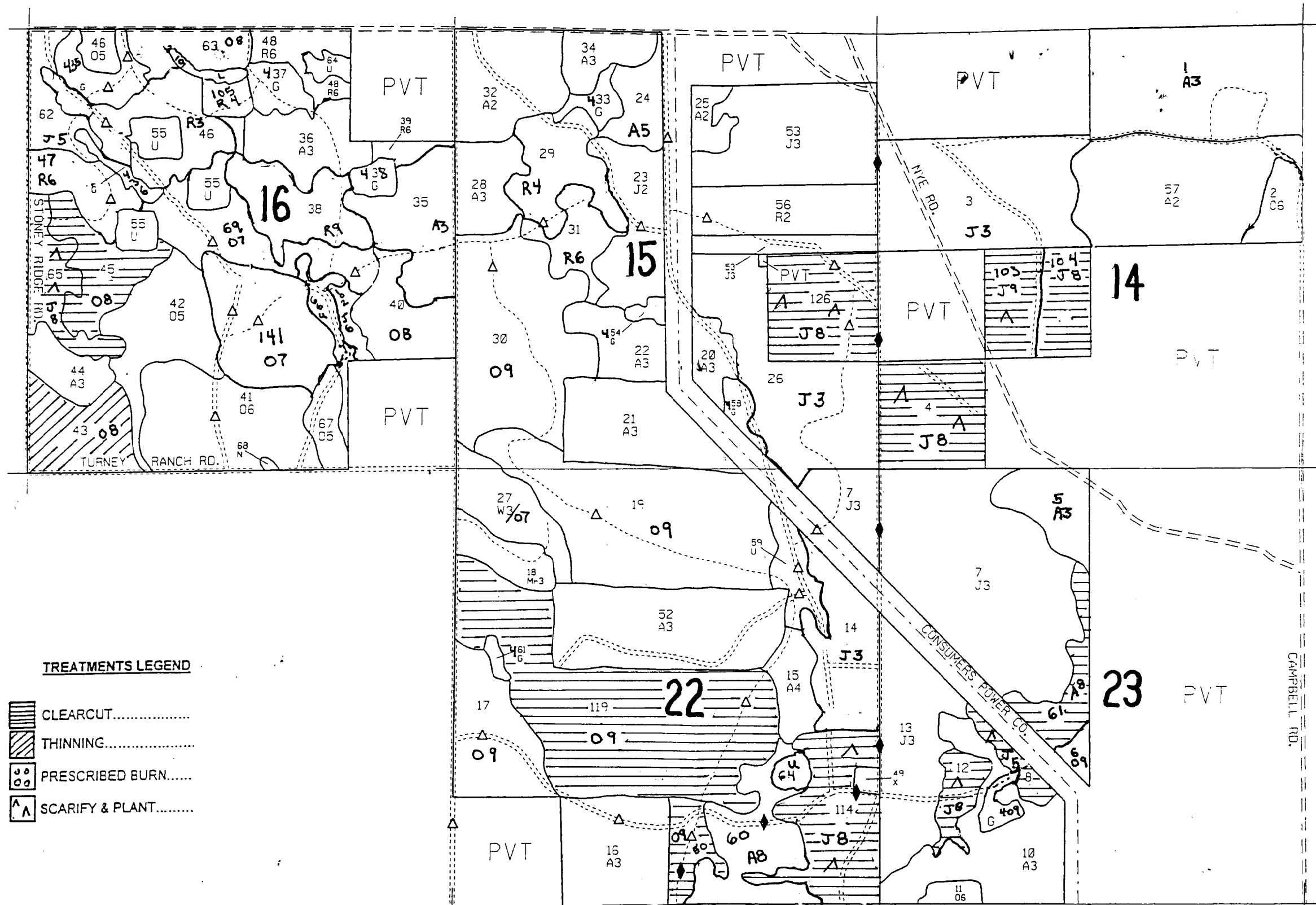
comnts Fmd : Nice sawlog red oak, harvest and regenerate to oak.

Total Acres..... 5





Compartment 197
T24N,R2E,SEC. 14, 22, 23
Acres
Ogemaw Co
Roscommon Management Unit
Au Sable SF, YOE 2004
November 2002



Exam and map by Anderson



TREATMENTS LEGEND

-  CLEARCUT.....
 THINNING.....
 PRESCRIBED BURN.....
 SCARIFY & PLANT.....